VANDERSANDEN

Product name	Product group	Production location
Flemming	S4	Spijk

A mix of different kinds of clay forms the basis for this facing brick. This special mix of clays is ideally suited for the manufacturing of hand form bricks. Due to the use of the water-struck-technique the facing bricks sight will appear textured without sand coated surface.

Colour
A dark brown brick with brown shades, textured without sand coated surface (Water-struck)

Format	
Moulding method	Waterstruck
WF: 208 x 98 x 50 mm	Between batches the average size and color may slightly differ.

Essential Characteristics - EN771-1		
CE	EN 771-1 - 0620-CPR-76485	
Dimensional tolerances	T2	
Range	R1	
Active Soluble Salts	S2	
Mean Compressive strength	>= 30 N/mm²	Tested to the bed face
Normalized Compressive strength	>= 30 N/mm²	Tested to the bed face
Dimensional stability	NPD	
Bond Strength general	0,15 N/mm²	
Bond Strength thin layer	0,30 N/mm²	
Reaction to fire	A1	Category
Water absorption	<= 7% m/md	
Water vapour permeability	50/100	
Net dry density	2000 kg/m³ (D1)	
Gross dry density	1900 kg/m³ (D1)	
Thermal conductivity Lambda 50/50	<=0,53 W/m.K	
Durability against freeze thaw	F2	
Dangerous substances	NL-BSB	According to Annex ZA 3

Other Characteristics		
Initial rate of water absorption - Non-coated Bricks	0,5 - 1,5 kg/m².min (IW2)	Value according EN771-1:2011 - 5.3.8
Initial rate of water absorption - Coated bricks	NPD	Value according EN771-1:2011 - 5.3.8
Freeze/thaw resistance	NPD	B 27-009
Thermal conductivity Lambda 90/90	NPD	
Thermal conductivity Lambda Ui	NPD	
Thermal conductivity Lambda Ue	NPD	

Storage & handling	Cutting
- Store packs on a clean surface and cover them - Process from multiple packs at the same time - Follow the Vandersanden processing guidelines	Cutting with power tools may generate dust. This dust may contain silica or quartz particulate which may constitute a hazard. Persons undertaking work of this nature are advised to wear dust masks (FFP3).

*All our Coated bricks are only coated on the facing sides. Coated products are specially labeled and recognisable with a “C” logo on the top left-hand side of the packaging. Always check if using coated or non-coated bricks. Match the mortar to the specified initial water absorption.

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